<u>Application No.: 10/534,968</u>　　　　　　　　　　　<u>Docket No.: 4590-399</u>

<u>**Amendments to the Specification:**</u>

Please amend the fifth paragraph on page 3 of the current specification as follows:

A first solution described in <u>FR 2764708 A1</u> ~~Pat. No. 2,764,708~~ proposes, on the one hand, to reduce the initialization calculation time, in particular the time for calculating an approximate unambiguous position using, in particular, linear combinations of transmission frequencies L1 and L2 of GPS system satellites. On the other hand, it proposes to reduce the ionospheric error; the reduction in the ionospheric error applies during the realignment phase. It consists in calculating, on the basis of the approximate unambiguous position, on the one hand, a position (XL1, YL1, ZL1) for L1 and, on the other hand, a position (XL2, YL2, ZL2) for L2, the precise position (X, Y, Z) then resulting from the following linear combination: X=(1.65 XL1-XL2)/0.65 Y=(1.65 YL1-YL2)/0.65 Z=(1.65 ZL1-ZL2)/0.65.

2